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(54) Title: SCREENING METHODS

(57) Abstract: Methods for screening for substances capable of modulating the phosphorylation of tau protein are disclosed, and in particular paired helical filament (PHF) tau, and the use of such modulators in the treatment of tauopathies. The assays and screening methods are based on the identification of new phosphorylation sites in PHF tau and new kinases and combinations of kinases as therapeutic targets, in particular the identification of casein kinase 1 as a kinase which phosphorylates tau protein.

